



An Informative Half-day Workshop:

# *Excavation Hazards and Soil Mechanics*

## *1 Who Should Attend . . .*

This program is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about liability and workers' compensation costs
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA)

## *2 Why You Need This Workshop . .*

- ▶ To reduce disabling injuries and illnesses to employees - and to ensure that every worker goes home safe and healthy every day.
- ▶ To reduce the high costs of work-related injuries. Nationally, employers spent an estimated 50.8 billion on wage payments and medical care for workers hurt on the job. (*Liberty Mutual Safety Index 2005*) This is only a portion of the total costs of work-related injuries. Indirect costs such as overtime, training and lost productivity can also burden employers.
- ▶ To enhance your company's bottom line. A strong safety and health commitment not only protects workers, it also reduces workers compensation costs, improves employee morale, and increases production and quality.

## *3 What You'll Learn . . .*

This workshop will provide an overview of Part 9 Excavations, Trenching, and Shoring. It will involve a discussion of soil types and the associated hazards involved. In addition, the electrical hazards and applicable regulations associated will be discussed. It also is designed to assist participants in identifying hazards at their workplace, followed by a question and answer session.

### **Agenda**

*We offer a flexible  
program agenda  
to emphasize the  
construction topics  
you want  
most.*

- ▶ Review of Part 9, Excavation, Trenching & Shoring
- ▶ Soil Recognition
- ▶ Electrical Hazards
- ▶ Mechanics of a Trench Collapse
- ▶ Equipment Hazards
- ▶ Case Histories

All meetings are accessible and barrier free. Please contact the cosponsor or the CET Division, at least two weeks in advance, to request necessary accommodations.

# Facilitator

Tom Swindlehurst is a Construction Safety Consultant in the Consultation Education and Training Division of MIOSHA with over 40 years experience in the construction industry. He began his State service in 1989 with the construction enforcement division and transferred to the CET Division in 1995 as an on-site consultant performing hazard surveys. In 2001, he moved to his current position where he focuses on consultation and training for employers and employees.

Tom has authored many articles on construction safety and has presented at hundreds of training sessions for both management and labor in the construction field. He has a Bachelor's degree in Supervision and Management from Central Michigan University and is a Vietnam veteran. His passion and commitment to safety are a result of his own personal experiences during his many years in the construction industry.



**Tom Swindlehurst**  
*Construction Safety Consultant,  
MIOSHA, CET Division*

## Program Details

DATE:	March 20, 2007	TIME:	Check-in - 9:00 a.m. Program - 9:30 a.m. to 12:00 p.m.
LOCATION:	Greater Lansing Home Builders Association 6240 W. Mount Hope Lansing, Michigan 48917	DEADLINE:	Register by March 16, 2007 Please register early!
COST:	\$30 per person Includes course materials	CONTACT:	Staff - 517.323.3254 or email to ekopietz@glhba.org

**COSPONSOR: Greater Lansing Home Builders Association**

If this valuable seminar doesn't fit with your schedule or position, please pass this flyer on to a colleague.

## How to Register

Excavation Hazards and Soil Mechanics

Complete information at right to register by . . .

► **Phone:** 517.323.3254  
► **Fax:** 517.323.0390  
► **Mail:** Greater Lansing Home  
Builders Association  
6240 W. Mount Hope  
Lansing, MI 48917

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Number Attending: \_\_\_\_\_ @ \$30 = \$ \_\_\_\_\_

The Department of Labor & Economic Growth will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, disability, or political beliefs. If you need assistance with reading, writing, hearing, etc., under the Americans with Disabilities Act, you may make your need known to this agency at least two weeks in advance.

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